AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- (currently amended) A nozzle having a spout through which a fuel flows from an upstream to a downstream direction, comprising:
 - a shutoff valve:
 - a <u>bowed</u> diaphragm <u>biased closed in the upstream direction</u> positioned downstream of the shutoff valve, and having a multi-branched opening to form a pressure-activated valve that seals a lumen of the spout against flow of the fuel; and
 - wherein the diaphragm is responsive to fuel pressure in the spout.
- (previously presented) The nozzle of claim 1 wherein the diaphragm is circumferentially coupled to the spout.
- (previously presented) The nozzle of claim 2 wherein the diaphragm is substantially nonplanar.
- 4. (original) The nozzle of claim 2 wherein the multi-branched opening has at least four branches.
- 5. (original) The nozzle of claim 1 wherein diaphragm is substantially donut shaped.
- 6. (original) The nozzle of claim 1 wherein the diaphragm comprises a continuous piece of a polymer.
- 7. (original) The nozzle of claim 6 wherein the polymer is selected from the group consisting of a urethane, a rubber, and a silicone.
- 8. (original) The nozzle of claim 1 wherein the diaphragm is positioned such that there is substantially no dead space between the diaphragm and the end of the spout.
- (previously presented) The nozzle of claim 1 wherein the diaphragm has a flexibility such
 that during operation of the nozzle, a point of greatest travel of the diaphragm is less than 2 cm.

10. (previously presented) The nozzle of claim 1 wherein the diaphragm is has a flexibility such that during operation of the nozzle, a point of greatest travel of the diaphragm is at least one 0.25 cm.

11. Canceled.

- 12. (previously presented) The nozzle of claim 1 wherein the diaphragm is packaged in an installation frame sized and dimensioned to be inserted into the spout.
- 13. (original) The nozzle of claim 1 wherein the diaphragm extends substantially normally across the spout.
- 14. Canceled.
- 15. (original) The nozzle of claim 10 wherein the diaphragm is packaged in an installation frame.
- 16. (currently amended) A diaphragm for use as a valve in a spout of an automotive fuel dispensing nozzle, comprising:
 - an outer portion sized and dimensioned to fit snugly circumferentially against the spout;
 a flexible diaphragm defining a fluid passageway having at least three branches, and
 biased-bowed into a domed configuration biased closed in an upstream direction,
 wherein the fluid passageway is closed in the domed configuration and open in a
 configuration other than the domed configuration; and
 - the diaphragm sufficiently flexible to at least partially open the fluid passageway when the diaphragm is subjected to an upstream fuel pressure in the spout of less than 1.5 atmospheres.
- 17. (previously presented) The diaphragm of claim 16 wherein the diaphragm has an outer ring portion that is continuous with the domed portion.
- 18. (previously presented) The diaphragm of claim 16 wherein the diaphragm is sized and dimensioned to be positioned near an end of the spout.
- 19. (previously presented) The diaphragm of claim 16 wherein the multi-branched fluid passageway comprises at least three branches.

- 20. (original) The diaphragm of claim 16 wherein diaphragm is substantially donut shaped.
- 21. (original) The diaphragm of claim 16 wherein the inner portion comprises a polymer selected from the group consisting of a urethane, a rubber, and a silicone.
- 22. (original) The diaphragm of claim 16 wherein the diaphragm is sufficiently flexible to open the fluid passageway at least 90% when the diaphragm is subjected to a pressure less than 1.5 atmospheres.